

U.S. Department of Commerce, Patent and Trademark Office

Docket No.:

9955/D01/AGS/LP

Serial No.:

09/970,613

## LIST OF RELEVANT ART CITED BY APPLICANT

(Use several sheets if necessary)

Applicants:

Mark Holst, et al

Filing Date:

October 4, 2001

Group:

1764

## U.S. Patent Documents

*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	US-12					
	US-13					
	US-14					
	US-15					
	US-16					
	US-17					
	US-18					
	US-19					
	US-20					
	US-21					
	US-22					

## Foreign Patent Documents

Translation

	Document Number	Date	Country	Class	Subclass	Yes	No
Tb	F-6 WO 99/02921 A1	01/21/99	PCT			Abstract	
	F-7						
	F-8						
	F-9						
	F-10						

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Tb	OT-4	Smiley, S.H., et al., "Continuous Disposal of Fluorine", May 27, 1953, Industrial and Engineering Chemistry, Vol. 46, No. 2, pages 244-247.
↓	OT-5	Streng, A.G., "The Fluorine-Steam Flame and Its Characteristics", June 1962, Combustion Flame, Vol. 6, pages 89-91.
Tb	OT-6	Hardwick, Steven J., et al., "Waste Minimization in Semiconductor Processing", 1994, Mater. Res. Soc. Symp. Proc., Vol. 344, pages 273-278.

Examiner

Date Considered

11/25/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office  <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 10px; text-align: center; margin-right: 10px;">           OFFICE OF RELEVANT ART CITED BY APPLICANT            (Use several sheets if necessary)            NOV 08 2005         </div> <div>           (Use several sheets if necessary)         </div> </div>				Docket No.: 9955/D01/AGS/LP		Serial No.: 09/970,613	
Applicants: Mark Holst, et al				Filing Date: October 4, 2001		Group: 1764	

U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
	US-1						
	US-2						
	US-3						
	US-4						
	US-5						
	US-6						
	US-7						
	US-8						
	US-9						
	US-10						
	US-11						

Foreign Patent Documents							Translation	
		Document Number	Date	Country	Class	Subclass	Yes	No
Td	F-1	JP 03-65218	03/20/91	Japan			X	
↓	F-2	JP 07-10335	02/08/95	Japan			X	
↓	F-3	JP 04-209524	10/15/92	Japan			X	
↓	F-4	JP 59082927 A2	05/14/84	Japan			Abstract	
Td	F-5	WO 96/16720 A1	06/06/96	PCT			X	

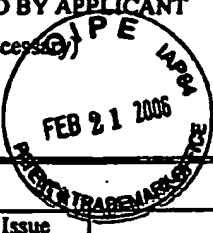
  

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
Td	OT-1 Langan, John, et al., "Strategies for Greenhouse Gas Reduction", July 1996, Solid State Technology, pages 115-116, 118, 120, and 122.
↓	OT-2 Holmes, John T., et al., "Fluidized Bed Disposal of Fluorine", October 1967, I & EC Process Design and Development, Vol. 6, No. 4, pages 408-413.
Td	OT-3 Cady, George Hamilton, "Reaction of Fluorine with Water and with Hydroxides", Feb. 1935, J. Am. Chem. Soc., Vol. 57, pages 246-249.

Examiner		Date Considered	11/28/01
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U.S. Department of Commerce, Patent and Trademark Office  <b>LIST OF RELEVANT ART CITED BY APPLICANT</b> (Use several sheets if necessary)				Docket No.: 9955/D01/Y01/AGS/LP		Serial No.: 09/970,613	
				Applicants: Mark Holst et al.		Group: 1764	
				Filing Date: October 4, 2001			

U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
To ↓ Th	US-1	4,296,079	10/20/81	Hauser			
	US-2	4,935,212	06/19/90	Eberhard			
	US-3	5,206,003	04/27/93	Imoto et al.			
	US-4	5,292,704	03/08/94	Lester			
	US-5	5,393,394	02/28/95	Ikeda et al.			
	US-6	5,877,391	03/02/99	Kanno et al.			
	US-7						
	US-8						
	US-9						
	US-10						
	US-11						

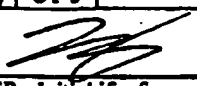
  

Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
To F-1	EP 0861683 A2	09/02/98	EPO		X			
To F-2	EP 0885648 A1	12/23/98	EPO		X			
	F-3							
	F-4							
	F-5							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
To	OT-1 "Catalytic Decomposition System", Hitachi America, Ltd. Semiconductor Equipment Group- SCDS Gas Abatement Systems, < <a href="http://www.hitachi.com/semiequipment/products/scds.html">http://www.hitachi.com/semiequipment/products/scds.html</a> >, pages 1-2, printed on 4/21/99.
↓	OT-2 "Kanken Techno detoxifier KT 1000 Venus", Crystec Technology Trading GmbH, < <a href="http://www.crystec.com/ktcvenue.htm">http://www.crystec.com/ktcvenue.htm</a> >, pages 1-4, printed on 7/27/99.
Th	OT-3

Examiner 	Date Considered 7/13/06
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FORM PTO-1449	US Dept. of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO.  E-163 CON-DIV APPLICANT Holst et al.	SERIAL NO.  TBA
<b>INFORMATION DISCLOSURE STATEMENT</b>  (use several sheets if necessary)		FILING DATE  Herewith	GROUP  Not assigned
<b>U.S. PATENT DOCUMENTS</b>			
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	NAME
Td	BL	4,519,999	May 28 1995
↓	BM	5,271,908	Dec 21 1993
↓	BN	5,914,091	Jun 22 1999
↓	BO	5,693,293	Dec 2 1997
Td	BP	4,886,444	Dec 12 1989
<b>FOREIGN PATENT DOCUMENTS</b>			
DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS
<b>OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)</b>			
Continue on Page			
EXAMINER	DATE CONSIDERED		
[Signature]	2/11/05		
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<b>FORM PTO-1449</b> US Dept. of Commerce Patent and Trademark Office	<b>ATTORNEY DOCKET NO.</b> E-163 CON-DIV <b>APPLICANT</b> Holst et al. <b>FILING DATE</b> Hrewith	<b>SERIAL NO.</b> TBA <b>GROUP</b> Not assigned				
<b>INFORMATION DISCLOSURE STATEMENT</b> (use several sheets if necessary)						
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
70	AU 5,599,508	Feb 4 1997	Martinelli			
	AV 5,252,007	Oct 12 1993	Klinzing			
	AW 4,719,088	Jan 12 1988	Itoh et al			
	AX 4,083,607	Apr 11 1978	Mott			
	AY 4,986,838	Jan 22 1991	Johnsgard			
	AZ 5,510,093	Apr 23 1996	Bartz et al.			
✓	BA 5,891,404	Apr 6 1999	Ibaraki et al.			
70	BB 5,800,792	Sep 1 1998	Ibaraki et al.			
<b>FOREIGN PATENT DOCUMENTS</b>						
DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION YES NO	
BC WO 99/02921	Jan 21, 1999	PCT			Yes	
<b>OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)</b>						
Continue on Page 3						
<b>EXAMINER</b> 				<b>DATE CONSIDERED</b> 2/11/05		
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<b>INFORMATION DISCLOSURE STATEMENT</b> (use several sheets if necessary)		<b>APPLICANT</b> Holst et al.			
		<b>FILING DATE</b> Herewith		<b>GROUP</b> Not Assigned	

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 09/970613  
 10/04/01

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<div style="font-size: 2em;">7D</div> <div style="font-size: 2em;">16</div>	AA	5,649,985	Jul 22 1997	Imamura			
	AB	5,716,428	Feb 10 1998	Imamura			
	AC	3,898,040	Aug 5 1975	Tabak			
	AD	5,009,869	Apr 23 1991	Weinberg et al			
	AE	5,160,707	Nov 3 1992	Murray et al			
	AF	5,533,890	Jul 9 1992	Holst et al			
	AG	4,908,191	Mar 13 1990	Boldish et al			
	AH	5,603,905	Feb 18 1997	Bartz et al			
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASSES	TRANSLATION YES NO	
<del>AI</del>	JP 03-65218	Mar 20 1991	Japan			Y	
<del>AJ</del>	JP 07-10335	Oct 15 1992	Japan			Y	
<del>AK</del>	JP 04-209524	Oct 15 1992	Japan			Y	
<del>AL</del>	WO 9616720	Jun 6 1996	WO			NA	
<del>AM</del>	JP 59082927	May 14, 1984	Japan			Abstract only	
OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)							
AN	Langan, J., "Strategies for Greenhouse Gas Reduction", <i>Solid State Technology</i> July, 115 (1996)						
AO	Holmes, J.T., et al., "Fluidized Bed Disposal of Fluorine", <i>I&amp;EC Process Design and Development</i> , Vol. 6, No. 4, pg 411 (1967)						
AP	Cady, G. H., "Reaction of Fluorine with Water and with Hydroxides", <i>J. Am. Chem. Soc.</i> Vol. 57, pg 246, (1935)						
AQ	Smiley, S.H. et al., "Continuous Disposal of Fluorine", <i>Industrial and Engineering Chemistry</i> , Vol. 46, pg 244 (1954)						
AR	Streng A.G., "The Fluorine Steam Flame and Its Characteristics", <i>Combustion Flame</i> , Vol. 6, pg 89 (1962)						
AS	Hardwick, Steven J., et al., "Waste minimization in semiconductor processing", <i>Mater. Res. Soc. Symp. Proc.</i> , 344, pg 273, (1994)						
AT	Hayakawa, Saburo, "Silane Gas Scrubber", <i>Koatsu Gasu</i> , 24(7), pg 371-9, (1987)						
Continue on Page 2							
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